

Geological Engineering Master's Degree (Second Cycle) Program Outcomes

The student

1. Works actively together with intra-disciplinary and interdisciplinary teams for solving engineering problems.
2. Designs experiments and methods appropriate for advanced level of geological problems by utilizing from the information acquired, applies them, and analyzes and makes different interpretations on the results.
3. All hardware and tools required for professional applications can use to communicate effectively verbally and in writing, at least one foreign language in the European Language Portfolio Level B2 uses.
4. Comprehends the universal and social impacts of the solutions found to geological problems.
5. Tracks any geological material and natural phenomena and converts them into a social benefit.
6. Considers and interprets the geological phenomena at an advanced level on four dimensional basis.
7. Is aware of protecting geological heritage.
8. Is aware of the necessity of life-long learning, and is able to access the information, to follow the scientific and technological developments and to continuously adapt himself/herself.
9. Acts in high compliance with the professional ethics and responsibilities while determining and solving the complex geological problems.
10. Rises the awareness towards entrepreneurship, innovativeness and sustainable development about the practices at working life, such as project management and risk management.